

WHAT IS CLAIMED IS:

1. A biodegradable wrap film, which is a biodegradable wrap film comprising as a main component a lactic acid resin composition comprising a poly(DL-lactic acid) in which the proportion of L-isomer and D-isomer is 88:12 to 85:15 or 12:88 to 15:85, and a plasticizer, the lactic acid resin composition, wherein
the value of storage modulus at 40°C is in the range of 100 MPa to 3 GPa as measured at a frequency of 10 Hz and a distortion of 0.1% by the dynamic viscoelasticity testing method from Method A of JIS K-7198,
the value of storage modulus at 100°C is in the range of 30 MPa to 500 MPa, and
the peak value of loss tangent ($\tan \delta$) is in the range of 0.1 to 0.8.
2. The biodegradable wrap film as recited in Claim 1, wherein the value of storage modulus at 20°C is in the range of 1 GPa to 4 GPa, as measured at a frequency of 10 Hz and a distortion of 0.1% by the dynamic viscoelasticity testing method from Method A of JIS K-7198, and the value of loss tangent ($\tan \delta$) at 20°C is 0.5 or less.
3. The biodegradable wrap film as recited in Claim 1 or 2, wherein the value of storage modulus at 60°C is in the range

of 100 MPa to 800 MPa as measured at a frequency of 10 Hz and a distortion of 0.1% by the dynamic viscoelasticity testing method from Method A of JIS K-7198.

5 4. The biodegradable wrap film as recited in any of Claims 1 to 3, wherein the lactic acid resin composition comprises a lactic acid resin and a plasticizer in a proportion of 60:1 to 99:1 by mass.

10 5. The biodegradable wrap film as recited in any of Claims 1 to 4, wherein the difference ($\Delta H_m - \Delta H_c$) is 10 J/g or more between ΔH_m , the heat of melting required to melt the crystals completely when heating the film according to JIS K-7121 at a heating rate of 10°C/minute using a differential
15 scanning calorimeter, and ΔH_c , the heat of crystallization produced concomitantly with crystallization during the heating.

6. The biodegradable wrap film as recited in any of Claims
20 1 to 5, wherein the formed film is heated at a temperature between the glass transition temperature when heating according to JIS K-7121 at a heating rate of 10°C/minute using a differential scanning calorimeter, and the peak
temperature of the heat of crystallization produced
25 concomitantly with crystallization during the heating, and cured for 6 hours or longer.